

INTERNATIONAL SEARCH REPORT

Internal application No

PCT/EP 02/07984

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B29C45/50 B29C45/77

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 43 44 335 A (KRAUSS-MAFFEI AG) 29 June 1995 (1995-06-29) cited in the application column 2, line 53 - line 60; claim 9; figure 1	1
P,A	EP 1 211 043 A (BATTENFELD GMBH) 5 June 2002 (2002-06-05) the whole document	1
P,A	WO 01 89799 A (MANNESMANN REXROTH AG) 29 November 2001 (2001-11-29) the whole document	1
A	EP 0 968 808 A (SUMITOMO HEAVY INDUSTRIES) 5 January 2000 (2000-01-05) column 11, line 23 - line 42; figure 1	2

☐ Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

15 November 2002

Date of mailing of the international search report

25/11/2002

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Information on patent family members

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PCT/EP 02/07984

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4344335	A	29-06-1995	DE 4344335 A1	29-06-1995
			AT 164545 T	15-04-1998
			CA 2135690 A1	24-06-1995
			DE 59405582 D1	07-05-1998
			DK 662382 T3	19-10-1998
			EP 0662382 A1	12-07-1995
			ES 2114108 T3	16-05-1998
			JP 7205223 A	08-08-1995
			RU 2129069 C1	20-04-1999
			US 5540495 A	30-07-1996
EP 1211043	A	05-06-2002	DE 10060086 C1	10-10-2002
			EP 1211043 A1	05-06-2002
			US 2002100992 A1	01-08-2002
WO 0189799	A	29-11-2001	DE 10121000 A1	29-11-2001
			WO 0189799 A1	29-11-2001
EP 0968808	A	05-01-2000	JP 2000015681 A	18-01-2000
			EP 0968808 A2	05-01-2000
			KR 2000011408 A	25-02-2000
			SG 79266 A1	20-03-2001
			TW 475913 B	11-02-2002
			US 6371748 B1	16-04-2002